

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
#4

Appln. No: 10/527,634
Applicants: Martyn Vincent Twigg et al.
Filed: Herewith
Title: COMPRESSION IGNITION ENGINE AND EXHAUST SYSTEM THEREFOR
TC/A.U.:
Examiner:

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO/SB/08A and PTO/SB/08B submitted herewith. A copy of the references listed on the PTO/SB/08A and PTO/SB/08B, other than U.S. patents, is enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

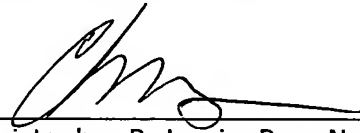
German Patent No. 41 17 364 A1 is not in the English language, but an English translation thereof is attached to the copy of the reference submitted herewith.

Japanese Patent No. 5-59937 is not in the English language, but an English translation thereof is attached to the copy of the reference submitted herewith.

Japanese Patent Nos. 7-251073, 8-14029, 2002-129937, and 2002-45702 are not in the English language, but English abstracts thereof are attached to each of the references submitted herewith.

This Information Disclosure Statement is being filed along with the response to the Notification of Missing Requirements in this application. Therefore, no fee or statement is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,



Christopher R. Lewis, Reg. No. 36,201
Attorney for Applicants

CRL/lrb
Enclosures: PTO/SB/08A and PTO/SB/08B
Copy of twenty-one (21) references

Dated: October 7, 2005

P.O. Box 980
Valley Forge, PA 19482-0980
(610) 407-0700

The Commissioner for Patents is hereby
authorized to charge payment to Deposit
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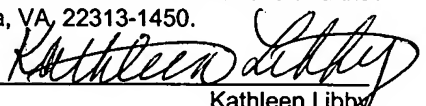
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October 7, 2005

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Kathleen Libby

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Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 1 of 2

Complete if Known

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|----------------------|----------------------|
| Application Number | 10/527,634 |
| Filing Date | Herewith |
| First Named Inventor | Martyn Vincent Twigg |
| Art Unit | |
| Examiner Name | |
| Attorney Docket No. | JMYT-347US |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date (MM-DD-YYYY) | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|-------------------------------|---|---|
| | | Number - Kind Code ² (If known) | | | |
| | 1 | US-6,293,096 | 09-25-2001 | Khair et al. | |
| | 2 | US-2002/0048542-A1 | 04-25-2002 | Deeba et al. | |
| | 3 | US-2002/0053202-A1 | 05-09-2002 | Akama et al. | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date (MM-DD-YYYY) | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|---|-------------------------------|---|---|--------------------------|
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (If known) | | | | |
| | 4 | EP-0 341 832-A2 | 11-15-1989 | Johnson Matthey PLC | | <input type="checkbox"/> |
| | 5 | EP-0 560 991-A1 | 09-22-1993 | Toyota Jidosha Kabushiki Kaisha | | <input type="checkbox"/> |
| | 6 | EP-0 602 865-A1 | 06-22-1994 | Johnson Matthey PLC | | |
| | 7 | EP-0 613 714-A2 | 09-07-1994 | Toyota Jidosha Kabushiki Kaisha | | <input type="checkbox"/> |
| | 8 | EP-0 758 713-A1 | 02-19-1997 | Toyota Jidosha Kabushiki Kaisha | | <input type="checkbox"/> |
| | 9 | EP-0 786 284-A1 | 07-30-1997 | Ford Motor Co. | | <input type="checkbox"/> |
| | 10 | EP-1 180 390-A1 | 02-20-2002 | Hitachi, Ltd. | | <input type="checkbox"/> |
| | 11 | DE-41 17 364-A1 | 12-03-1992 | Doduco GmbH + Co. Dr. Eugen Dürwächter | | <input type="checkbox"/> |
| | 12 | JP-5-59937 | 03-09-1993 | Hitachi, Ltd. | | <input type="checkbox"/> |
| | 13 | JP-7-251073-A | 10-03-1995 | Toyota Motor Corp; Catalder Ind. Co. | | <input type="checkbox"/> |
| | 14 | JP-8-14029 | 01-16-1996 | Toyota Motor Corp. | | <input type="checkbox"/> |
| | 15 | JP-2002-129937 | 05-09-2002 | Nissan Diesel Motor Co. Ltd. | | <input type="checkbox"/> |
| | 16 | JP-2002-045702 | 02-12-2002 | Cataler Corp. | | <input type="checkbox"/> |
| | 17 | WO-94/22564 | 10-13-1994 | Engelhard Corp. | | <input type="checkbox"/> |
| | 18 | WO-95/00235 | 01-05-1995 | Engelhard Corp. | | <input type="checkbox"/> |
| | 19 | WO-96/39576 | 12-12-1996 | Johnson Matthey PLC | | <input type="checkbox"/> |
| | 20 | WO-00/28196 | 05-18-2000 | Ceryx Inc. | | <input type="checkbox"/> |
| | 21 | WO-00/29726 | 05-25-2000 | Engelhard Corp. | | <input type="checkbox"/> |
| | 22 | WO-00/59611 | 10-12-2000 | Engelhard Corp. | | <input type="checkbox"/> |
| | 23 | WO-01/74476-A1 | 10-11-2001 | Engelhard Corp. | | <input type="checkbox"/> |

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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(Use as many sheets as necessary)

SHEET 2 of 2

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| Application Number | 10/527,634 |
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| Filing Date | Herewith |
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| First Named Inventor | Martyn Vincent Twigg |
|----------------------|----------------------|

Art Unit

Examiner Name

| | |
|---------------------|------------|
| Attorney Docket No. | JMYT-347US |
|---------------------|------------|

NON-PATENT LITERATURE DOCUMENTS

[illegible]

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).
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considered. Include copy of this form with request for extension of time.

¹Applicant's unique citation designation number (optional).

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